In the Claims:

Please amend the claims as follows:

1. (Canceled)

2. (Currently Amended) A method of treating virus-induced and inflammatory diseases of skin and membranes in humans or animals, comprising topical application of a composition comprising of one or more of the monounsaturated alcohols octadecenol, eicosenol, docosenol, and tetracosenol mixed with polar hydrophilic salts in a total concentration ~~in a concentration~~ of from 0.1 to 25 percent by weight in a physiologically active ~~compatible~~ carrier to the inflamed skin or membrane of the patient to be treated, wherein the antiviral activity of the composition is approximately 50 times greater than that of the alcohol alone ~~the composition further comprising one or more of the salts of fatty acids according to the formula R^1-COO$^-$$M^+$, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion~~.

3. (Currently Amended) The method according to claim 2 wherein the ~~composition~~ polar hydrophilic salts further comprises one or more of the salts of fatty acids according to the formula R^1-COO-M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion. ~~mixed esters according to the formula R^1-COO-R^2, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and~~

~~x is 6, 8, 10 and 12, and R^2 is an alkyl group or other aliphatic group, comprised of 1 to 12 carbon atoms.~~

4. (Canceled)

5. (Currently Amended) The method of claim 2 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of ~~is~~ about 9%.

6. (Currently Amended) The method of claim 3 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

7. (Canceled)

8. (Currently Amended) A method treating virus-induced and inflammatory diseases of skin and membranes in humans or animals, comprising topical application of a composition comprising of one or more of the monounsaturated alcohols docosenol, tetracosenol and hexacosenol mixed with polar hydrophilic salts in a total concentration ~~in a concentration~~ of from 0.1 to 25 percent by weight, all in a physiologically active ~~compatible~~ carrier to the inflamed skin or membrane of the patient to be treated, wherein the antiviral activity of the composition is approximately 50 times greater than that of the alcohol alone ~~the composition further comprising one or more of the salts of fatty acids according to the formula~~

~~R^1-COO$^-$M$^+$, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion~~.

9. (Currently Amended) The method of claim 8 wherein the ~~composition~~ polar hydrophilic salts further comprises one or more of the salts of fatty acids according to the formula R^1-COO-M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion. ~~mixed esters according to the formula R^1-COO-R^2, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12, and R^2 is an alkyl group or other aliphatic group comprised of 1 to 12 carbon atoms.~~

10. (Canceled)

11. (Currently Amended) The method of claim 8 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, docosenol of about 45%, and tetracosenol of about 9%.

12. (Currently Amended) The method of claim 9 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, docosenol of about 45%, and tetracosenol of about 9%.

13. (Canceled)

14. (Currently Amended) A method of treating humans or other mammals for viral infections, comprising intravenous introduction into the human or other mammal to be treated with an effective amount of from about 0.1 mg

to about 2 gm per 50 kg of body weight of a composition consisting of one or more C_{18} to C_{24} monounsaturated alcohols mixed with polar hydrophilic salts in a total concentration in a physiologically ~~compatible~~ active carrier, wherein the antiviral activity of the composition is approximately 50 times greater than that of the alcohol alone ~~the composition further comprising one or more of the salts of fatty acids according to the formula R^1-COO$^-$ M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion~~.

15. (Previously Amended) The method of claim 14 wherein the ~~composition~~ polar hydrophilic salts further comprises one or more of the salts of fatty acids according to the formula R^1-COO-M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion.~~comprises mixed esters according to the formula R^1-COO-R^2, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12, and R^2 is an alkyl group or other aliphatic group comprised of 1 to 12 carbon atoms.~~

16. (Canceled)

17. (Currently Amended) The method of claim 14 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

18. (Currently Amended) The method of claim 15 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of

the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

19. (Canceled)

20. (Currently Amended) A method of treating humans or other mammals for viral infections, comprising intramuscular introduction into the human or other mammal to be treated with an effective amount of from about 0.1 mg to about 2 gm per 50 kg of body weight of a composition consisting of one or more C_{18} to C_{24} monounsaturated alcohols mixed with polar hydrophilic salts in a total concentration ~~in a concentration~~ in a physiologically ~~compatible~~ active carrier, wherein the antiviral activity of the composition is approximately 50 times greater than that of the alcohol alone~~the composition further comprising one or more of the salts of fatty acids according to the formula R^1-COO^-M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-,and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion~~.

21. (Currently Amended) The method of claim 20 wherein the ~~composition~~ polar hydrophilic salts further comprises one or more of the salts of fatty acids according to the formula R^1-COO-M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion.~~comprises mixed esters according to the formula R^1-COO-R^2, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-,and x is 6, 8, 10 and 12, and R^2 is an alkyl group or other aliphatic group comprised of 1 to 12 carbon atoms.~~

22. (Canceled)

23. (Currently Amended) The method of claim 20 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

24. (Currently Amended) The method of claim 21 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

25. (Canceled)

26. (Currently Amended) A method of treating humans or other mammals for viral infections, comprising trans-mucus membranal introduction into the human or other mammal to be treated with an effective amount of from about 0.1 mg to about 2 gm per 50 kg of body weight of a composition consisting of one or more C_{18} to C_{24} monounsaturated alcohols mixed with polar hydrophilic salts in a total concentration in a physiologically ~~compatible~~ active carrier, wherein the antiviral activity of the composition is approximately 50 times greater than that of the alcohol alone ~~the composition further comprising one or more of the salts of fatty acids according to the formula R^+-COO^-M^+, wherein R^+ comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion~~.

27. (Previously Amended) The method of claim 26 wherein the ~~composition~~ polar hydrophilic salts further comprises one or more of the salts of fatty acids according to the formula R^1-COO-M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion. ~~comprises mixed esters according to the formula R^1-COO-R^2, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12, and R^2 is an alkyl group or other aliphatic group comprised of 1 to 12 carbon atoms.~~

28. (Canceled)

29. (Currently Amended) The method of claim 26 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

30. (Currently Amended) The method of claim 27 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

31. (Canceled)

32. (Currently Amended) A method of treating humans or other mammals for viral infections, comprising transdermal penetration into the human or other mammal to be treated with an effective amount of from about 0.1 mg to about 2 gm per 50 kg of body weight of a composition consisting of one or more C_{18} to C_{24} monounsaturated alcohols mixed with polar hydrophilic

salts in a total concentration in a physiologically ~~compatible~~ active carrier, wherein the antiviral activity of the composition is approximately 50 times greater than that of the alcohol alone ~~the composition further comprising one or more of the salts of fatty acids according to the formula R^1-COO$^-$ M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion~~.

33. (Currently Amended) The method of claim 32 wherein the ~~composition~~ polar hydrophilic salts further comprises one or more of the salts of fatty acids according to the formula R^1-COO-M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion. ~~comprises mixed esters according to the formula R^1-COO-R^2, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12, and R^2 is an alkyl group or other aliphatic group comprised of 1 to 12 carbon atoms.~~

34. (Canceled)

35. (Currently Amended) The method of claim 32 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

36. (Currently Amended) The method of claim 33 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

37. (Canceled)

38. (Withdrawn)

39. (Withdrawn)

40. (Canceled)

41. (Withdrawn)

42. (Withdrawn)

43. (Canceled)

44. (Withdrawn)

45. (Withdrawn)

46. (Canceled)

47. (Withdrawn)

48. (Withdrawn)

49. (Canceled)

50. (Withdrawn)

51. (Withdrawn)

52. (Canceled)

53. (Withdrawn)

54. (Withdrawn)

55. (Canceled)

56. (Withdrawn)

57. (Withdrawn)

58. (Canceled)

59. (Withdrawn)

60. (Withdrawn)

61. (Canceled)

62. (Withdrawn)

63. (Withdrawn)

64. (Canceled)

65. (Withdrawn)

66. (Withdrawn)

67. (Canceled)

68. (Withdrawn)

69. (Withdrawn)

70. (Canceled)

71. (Withdrawn)

72. (Withdrawn)

73. (Canceled)

74. (Withdrawn)

75. (Withdrawn)

76. (Canceled)

77. (Withdrawn)

78. (Withdrawn)

79. (Canceled)

80. (Withdrawn)

81. (Withdrawn)

82. (Canceled)

83. (Withdrawn)

84. (Withdrawn).

85. (Canceled)

86. (Currently Amended) A method of treating humans and mammals for viral infections comprising introducing a composition consisting essentially of one or more monounsaturated alcohols having from 18 to 24 carbons through a membrane into the circulatory system of a human or mammal to be treated with an effective amount of from about 0.1 mg to about 2 gm per 50 kg of body weight comprising inserting such alcohol composition mixed with polar hydrophilic salts in a total concentration in a physiologically acceptable liquid, cream, gel or suppository carrier into the anus or vagina of the human or mammal to be treated, wherein the antiviral activity of the composition is approximately 50 times greater than that of the alcohol alone ~~the composition further comprising one or more of the salts of fatty acids according to the formula R^1-COO^-M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion~~.

87. (Currently Amended) The method of claim 86 wherein the ~~composition~~ polar hydrophilic salts further comprises one or more of the salts of fatty acids according to the formula R^1-COO-M^+, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-$(CH_2)_x$-, and x is 6, 8, 10 and 12 and M^+ is a monovalent alkali metal ion. ~~comprises mixed esters according to the formula R^1-COO-R^2, wherein R^1 comprises CH_3-$(CH_2)_7$-CH=CH-CH_2-~~

~~$(CH_2)_x$-,and x is 6, 8, 10 and 12, and R^2 is an alkyl group or other aliphatic group comprised of 1 to 12 carbon atoms.~~

88. (Canceled)

89. (Currently Amended) The method of claim 86 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.

90. (Currently Amended) The method of claim 87 wherein said alcohols are comprised of ~~relative~~ proportions by weight relative to the total weight of the alcohols of octadecenol of about 1%, eicosenol of about 44%, docosenol of about 45%, and tetracosenol of about 9%.